**PROJECT SELECTION**

*(To be completed by student)*

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| **Student Name:** Md Al Adnan | |
| **Student ID:** MUH1825008M | **Session:** 2017-18 |

**Supervisor’s Name:** Tasniya Ahmed, Assistant Professor, IIT-NSTU

**Project Title:** Student’s Information Chat bot System.

**Project Description:**

A Student chat bot project using Natural Language Processing (NLP) algorithms can be able to analyze user’s queries and understand user’s message and respond accordingly. The System will be a web application which will provide answer to the query of the student. Students just have to query through the bot which will be used for chatting. Students can be able to chat using any format, there will be no specific format the user has to follow. The System will use built in NLP based model to answer the queries. The answers will be appropriate according to the user queries. If the answer found invalid, user just need to select the invalid answer button which will notify the admin about the incorrect answer as well as the model to learn accordingly. Admin will be able to view invalid answer through portal via login system. The System will analyze the question and then answers to the user. The system will answer to the queries as if it is answered by a person. With the help of artificial intelligence (AI) and NLP, the system will answer the queries of the students of NSTU. The system will reply using an effective Graphical User Interface (GUI) which implies that as if a real person is talking to the user. The user will be able to query about the university related activities through online with the help of this web application. This system will help the student to be updated about the university activities. The student won’t need to go to the university for any kind of inquiries.

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| Student’s Signature |  | Supervisor’s Signature & Seal |

*(To be completed by the Final Year Project committee members)*

**Topic Approved:  Accepted  Conditionally Accepted  Rejected**

**Comments (if any):**

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| Signature & Seal |  | Date: |